

WEST Search History

DATE: Wednesday, November 29, 2006

| Hide? | <u>Set</u> <u>Name</u> | <u>Query</u> | <u>Hit</u> <u>Count</u> |
|--------------------------|---|---|----------------------------|
| | <i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> | | |
| <input type="checkbox"/> | L28 | L27 and (hydrofluoric or hf) | 2 |
| <input type="checkbox"/> | L27 | l22 and (contaminant\$1 or contaminat\$3) | 33 |
| <input type="checkbox"/> | L26 | L23 not l24 | 22 |
| <input type="checkbox"/> | L25 | L24 not l18 | 0 |
| <input type="checkbox"/> | L24 | L23 and (hydrofluoric or hf) | 2 |
| <input type="checkbox"/> | L23 | L22 and evaporat\$3 | 24 |
| <input type="checkbox"/> | L22 | l16 and (semiconductor\$1 or silicon) | 703 |
| <input type="checkbox"/> | L21 | L20 not l18 | 4 |
| <input type="checkbox"/> | L20 | L19 and evaporat\$3 | 5 |
| <input type="checkbox"/> | L19 | l16 and (contaminant\$1 or contaminat\$3) | 57 |
| <input type="checkbox"/> | L18 | L17 and evaporat\$3 | 2 |
| <input type="checkbox"/> | L17 | L16 and (hydrofluoric or hf) | 24 |
| <input type="checkbox"/> | L16 | l14 and L15 | 1531 |
| <input type="checkbox"/> | L15 | metal\$4 or boron or phosphorus or phosphorous or arsenic or antimony or germanium or iron or chromium or nickel or manganese or molybdenum | 2734594 |
| <input type="checkbox"/> | L14 | halosilane\$1 or chlorosilane or dichlorosilane or trichlorosilane or tetrachlorosilane or fluorosilane | 5661 |
| <input type="checkbox"/> | L13 | bollinger-d-\$.in. | 13 |
| <input type="checkbox"/> | L12 | bollinger-d-.in. | 4 |
| <input type="checkbox"/> | L11 | bollinger-david-.in. | 1 |
| <input type="checkbox"/> | L10 | bollinger-david-\$.in. | 0 |
| <input type="checkbox"/> | L9 | bollinger-david-s-\$.in. | 0 |
| <input type="checkbox"/> | L8 | bollinger-david-s-.in. | 1 |
| <input type="checkbox"/> | L7 | L6 not l5 | 9 |
| <input type="checkbox"/> | L6 | cowles-d-\$.in. | 9 |
| <input type="checkbox"/> | L5 | cowles-d-.in. | 5 |
| <input type="checkbox"/> | L4 | cowles-daniel-.in. | 0 |
| <input type="checkbox"/> | L3 | cowles-daniel-\$.in. | 0 |
| <input type="checkbox"/> | L2 | cowles-daniel-c-\$.in. | 0 |
| <input type="checkbox"/> | L1 | cowles-daniel-c-.in. | 0 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L1 | 0 | cowles-daniel-c-.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:21 |
| L2 | 0 | cowles-daniel-c-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:21 |
| L3 | 4 | cowles-daniel-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:21 |
| L4 | 0 | cowles-daniel-.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:21 |
| L5 | 0 | cowles-dan-.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:21 |
| L6 | 0 | cowles-dan-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:21 |
| L7 | 0 | cowles-dan-c-.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:22 |
| L8 | 0 | cowles-dan-c-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:22 |
| L9 | 1 | bollinger-david-.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:22 |
| L10 | 2 | bollinger-david-s-.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:24 |
| L11 | 0 | bollinger-david-s-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:24 |
| L12 | 9 | bollinger-david-\$.in. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:24 |
| L13 | 55459 | l12 nt ,10 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:24 |
| L14 | 7 | l12 not l10 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:25 |
| L15 | 14801 | halosilane or chlorosilane or dichlorosilane or trichlorosilane | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:28 |
| L16 | 1789 | l15 same metal\$1 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:27 |
| L17 | 36 | l16 same (hydrofluoric or hf) | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:27 |
| L18 | 494898 | l17 sme evaporat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:27 |
| L19 | 4 | l17 same evaporat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:27 |
| L20 | 101 | (halosilane or chlorosilane or dichlorosilane or trichlorosilane).ti. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:28 |

EAST Search History

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|-----|--------|---|--------------------|----|-----|------------------|
| L21 | 2 | ((halosilane or chlorosilane or dichlorosilane or trichlorosilane) and metal\$3).ti. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:32 |
| L22 | 226 | l15 same (hydrofluoric or hf) | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:32 |
| L23 | 16 | l22 same evaporat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 12:32 |
| L24 | 12 | l23 not l19 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:30 |
| L25 | 177218 | (semiconductor\$1 or silicon) same wafer\$1 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:30 |
| L26 | 43862 | l25 same metal\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:31 |
| L27 | 2918 | l26 same contaminat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:31 |
| L28 | 3 | l27 same l15 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:34 |
| L29 | 10644 | l25 same contaminat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:35 |
| L30 | 36 | l29 same l15 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:35 |
| L31 | 3 | l30 same evaporat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:36 |
| L32 | 33 | l30 not l31 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:52 |
| L33 | 30323 | metal\$3 near5 (contaminat\$3 or contaminant\$1) | US-PGPUB; USPAT | OR | OFF | 2006/11/29 13:55 |
| L34 | 27 | l15 same l33 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 14:07 |
| L35 | 873682 | boron or phosphorous or phosphorus or arsenic or antimony or germanium or iron or chromium or nickel or manganese or molybdenum | US-PGPUB; USPAT | OR | OFF | 2006/11/29 14:08 |
| L36 | 1604 | l15 same l35 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 14:09 |
| L37 | 45 | l36 same (contaminant\$1 or contaminat\$3) | US-PGPUB; USPAT | OR | OFF | 2006/11/29 14:09 |
| L38 | 10 | l37 and evaporat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/11/29 14:09 |

d his

(FILE 'HOME' ENTERED AT 14:31:54 ON 29 NOV 2006)

FILE 'CAPLUS, CAOLD, MEDLINE, BIOSIS' ENTERED AT 14:32:16 ON 29 NOV 2006
E COWLES DANIEL C/AU

L1 11 S E1-E4
L2 10 DUP REMOV L1 (1 DUPLICATE REMOVED)

FILE 'STNGUIDE' ENTERED AT 14:34:29 ON 29 NOV 2006

FILE 'CAPLUS, CAOLD, MEDLINE, BIOSIS' ENTERED AT 14:36:56 ON 29 NOV 2006
E BOLLINGER DAVID S/AU

L3 12 S E2-E3
L4 12 DUP REMOV L3 (0 DUPLICATES REMOVED)
L5 16300 S HALOSILANE? OR CHLOROSILANE? OR DICHLOROSILANE? OR TRICHLOROS
L6 5244280 S METAL? OR BORON OR PHOSPHOROUS OR PHOSPHORUS OR ARSENIC OR AN
L7 3503 S L5 AND L6
L8 51 S L7 AND (CONTAMINAT? OR CONTAMINANT?)
L9 1 S L8 AND EVAPORAT?
L10 14 S L7 AND EVAPORAT?
L11 14 DUP REMOV L10 (0 DUPLICATES REMOVED)
L12 13 S L11 NOT L9

FILE 'STNGUIDE' ENTERED AT 15:15:35 ON 29 NOV 2006

FILE 'CAPLUS, CAOLD, MEDLINE, BIOSIS' ENTERED AT 15:23:32 ON 29 NOV 2006

L13 7918024 S AS OR SB OR GE OR FE OR CR OR NI OR MN OR MO OR BORON OR PHOS
L14 65 S L5 AND EVAPORAT?
L15 41 S L14 AND (SEMICONDUCTOR? OR SILICON)
L16 41 DUP REMOV L15 (0 DUPLICATES REMOVED)
L17 96 S L7 AND (HYDROFLUORIC OR HF)
L18 1 S L17 AND EVAPORAT?

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